

CLAIMS

1. A device for facilitating driving of a rollable walker of the type incorporating a chassis frame, which is supported by at least one front wheel fitted to the depending frame part and a rear pair of wheels,

characterized therein,

that the device incorporates a movable support (11; 20;107; 203) attachable to the rollable walker in the area of its forward castor wheels (5, 107) and spring-loaded means for moving said movable support (11; 20;107; 203) horizontally in front of said forward castor wheels when it/they are projecting backwards, when the said front castor wheels are raised by being pivoted about the rear pair of wheels.

2. A device for facilitating driving of a rollable walker of the type incorporating a chassis frame, which is supported by at least one front wheel fitted to the depending frame part and a rear pair of wheels,

characterized therein,

that the device incorporates a movable support (11; 20;107; 203) attachable to the rollable walker in the area of its forward castor wheels (5, 107) and having a weight means for moving by gravity said movable support (11; 20;107; 203) horizontally in front of said forward castor wheels when it/they are projecting backwards, when the said front castor wheels are raised by being pivoted about the rear pair of wheels.

3. A device as claimed in claim 1 or 2,

characterized therein,

that the movable support is constituted by a member which in uninfluenced position projects in front of said front castor wheels, and is adapted to be pushed backwards by a contact force against an obstacle under an increased preload, and to be moved due to the preload in over the obstacle after lifting of the said front wheel above the obstacle.

4. A device as claimed in claim 3,
c h a r a c t e r i z e d t h e r e i n,
that the movable support is constituted by a yoke (11, 20)
subjected to a spring load.

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5. A device as claimed in claim 3 or 4,
c h a r a c t e r i z e d t h e r e i n,
that the yoke is a segment of a track (20) of a wheel, which
via a spoke (21) is turnable about a hub (22) having a
10 bigger radius than said castor wheel.

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6. A device as claimed in claim 5,
c h a r a c t e r i z e d t h e r e i n,
that the track (20) is designed thus that it for smaller
obstacles operates as a wheel having a bigger diameter than
the ordinary front castor wheel.

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7. A device as claimed in claim 4 or 5,
c h a r a c t e r i z e d t h e r e i n,
that the yoke is equipped with an adjustable level arm (24)
arranged below the front portion of the yoke and adapted to
hit an obstacle before the yoke (20) hits, when driving
against an obstacle.

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8. A device as claimed in claim 7,
c h a r a c t e r i z e d t h e r e i n,
that the level arm (24) is provided with means (25; 26),
causing the arm to be freely movable downwards to its
lowermost position when the yoke (20) is in a position of
30 rest, and which arm is freely movable upwards when the yoke
is caused to move backwards.

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9. A device as claimed in claim 8,
c h a r a c t e r i z e d t h e r e i n,
that the level for the lowest position of the level arm (24)
is adjustable.

10. A device as claimed in claim 1 or 2,
c h a r a c t e r i z e d t h e r e i n,
that the movable support is constituted by the front castor
wheel (107) of the rollable walker, which is adapted to be
5 rotated from its normal driving position to a position where
it is projecting in forward direction above an obstacle,
when said front wheels are raised.

11. A device as claimed in claim 9,
10 c h a r a c t e r i z e d t h e r e i n,
that the rotation of the castor wheel (107) from its normal
driving position to a position projecting in the forward
direction is effected by the geometrical design of the
castor wheel.

12. A device as claimed in claim 9,
15 c h a r a c t e r i z e d t h e r e i n,
that the rotation of the castor wheel (107) from its normal
driving position to a position projecting in the forward
20 direction is effected by mechanical actuation.

13. A device as claimed in claim 1,
c h a r a c t e r i z e d t h e r e i n,
that the movable support is constituted by a track (201) for
25 a wheel-equipped (202) curved trolley (203), adapted under
spring influence to project from said track in the forward
direction of the rollable walker, and to be preloaded at
engagement against an obstacle ahead, for being pushed
forward at subsequent raising of the front wheels of the
30 rollable walker under influence of the spring preload, and
thereby out above the obstacle.

14. A device as claimed in claim 13,
c h a r a c t e r i z e d t h e r e i n,
35 that the track (201) is designed thus that it operates as a
wheel having bigger diameter than the ordinary front castor
wheel for passage of low obstacles.

15. A device as claimed in claim 13,
c h a r a c t e r i z e d t h e r e i n,
that the trolley (203) is equipped with an adjustable level
arm (24) provided under the forward part of the yoke and
5 adapted when driving against an obstacle to hit this before
the trolley (203).

16. A device as claimed in claim 15,
c h a r a c t e r i z e d t h e r e i n,
10 that the level arm is equipped with means, making the arm
freely movable downwards to its lowest position when the
yoke is in a rest position, and freely movable upwards when
the yoke is brought backwards.

17. A device as claimed in claim 16,
c h a r a c t e r i z e d t h e r e i n,
15 that the level for the lowest position of the level arm (24)
is adjustable.

18. A rollable walker of the type incorporating a chassis
20 frame, which is supported by at least one front wheel fitted
to the depending frame part and a rear pair of wheels,
c h a r a c t e r i z e d t h e r e i n,
that the rollable walker in the area of its forward wheels
25 is provided with a movable support and means adapted to move
said movable support in front of said forward castor wheels
when it/they are projecting backwards, in accordance with
anyone of claims 3-17.